

Abstract of the Disclosure

In a method and apparatus for determining the blood glucose concentration reliably and accurately based on temperature data obtained from a subject without requiring blood sampling, chronological changes in the output from a temperature detecting portion are monitored. Based on those chronological changes, the making of contact between a body surface and a body surface contact portion is detected, whereupon the acquisition of measurement data is started and an advance-notice display about the timing of departure of the body surface is made. The moment of departure of the body surface from the body surface contact portion is detected, and if that moment is before the noticed timing, or in the absence of detection of the departure of the body surface from the body surface contact portion even after a certain time following the noticed timing, an error display is made on the apparatus and the measurement is reset.